

City of Tillamook

Roofing Replacement

PUBLIC WORKS SHOP

GENERAL:

The City of Tillamook, Oregon is seeking bids for the replacement of the roof on the City's Public Works Shop. The shop is located at 4402 Third Street, Tillamook, Oregon. The main structure is 80 feet wide and 160 feet long, with a 3:12 slope for a total area to be replaced of 13,500 square feet. The Contractor shall install a continuous vented ridge cap; a Hi-Perf Ridge Vent that is a slope-to-slope standing seam version, or equivalent.

The City does not know what the roof support structure materials are and the Contractor will need to verify any structural members, which may affect the manner of installation of the new roofing.

Contractor will install a structural plywood base layer, sheet metal roofing, gutters, and downspouts. The contractor shall be prepared to replace water damaged sheet rock on the interior ceiling of the shop area.

The successful bidder shall have visited the site in order to fully acquaint and familiarize him/herself with conditions as they exist and the character of the operations to be carried out and make such onsite investigations as he/she may see fit so that he/she understands fully the site, facilities, difficulties and any restrictions attending the execution of the work. The failure or omission of the successful bidder to receive or examine any form, instrument, or document, or to visit the site and acquaint their company with the existing conditions, shall in no way relieve him/her from any obligations with respect to the performance of the proposed contract and the work therein.

The successful bidder shall adhere to all applicable federal, state, and local codes, rules and regulations under the latest documents in effect.

The successful bidder shall provide all dumpsters and storage containers to be utilized by the Contractor and any sub-contractors for the duration of this project and shall properly dispose of all removed, trimmed, or waste materials.

The successful bidder shall obtain any and all permits, licenses and permissions required for the project at the successful bidder's expense.

Any indications of rot or rust that are found within the existing roofing system shall be brought to the attention of the owner for consideration of proper treatment, repair, or replacement. Incidences will be reviewed on a case by case basis and any additional work or materials will be authorized through a change order.

MOBILIZATION & DEMOBILIZATION:

The Contractor shall coordinate with City Publics Works personnel regarding storage of equipment, materials and placement of waste containers onsite. Contractor shall be responsible for removing and disposing of all waste materials and leaving the site in as clean, or better, condition as existed at the commencement of the construction. No materials shall be allowed to be windblown from the site. Any materials that do escape the site shall be immediately captured and properly handled.

ROOFING REMOVAL:

Contractor shall remove the existing metal roofing system, gutters, and downspouts and dispose of the materials at an authorized disposal facility. Contractor is encouraged to properly recycle any removed materials. Contractor shall inspect the underlying building materials and report to the owner any indications of rot, rust or other deleterious conditions. Contractor shall provide a correction proposal outlining proposed methods and materials for making any treatments, repairs, or replacements. Owner will review these conditions and approve, or modify, the Contractor's correction proposal. A change order will be issued, as necessary.

Contractor shall tarp, or otherwise protect, any exposed structural elements from rain or wind once the existing roofing is removed and prior to installation of the new roof.

ROOFING BASE MATERIAL:

The contractor shall verify the square footage of materials needed.

Contractor shall install plywood roof sheathing, 15/32-inch APA rated Structural I Grade, 4'x8' sheets with square edges over the existing purlin system. Stagger sheets by 4 feet to align with the middle of the 8-foot side, See Figure A. Place with longer edge perpendicular to framing members. Provide solid edge blocking between sheets. If the purlin system is wood, use hot-dipped galvanized steel nails for high humidity. Place 6d common nails at 4-inches OC along all edges and 6-inches OC in the field. If the purlin system is metal, use

hot-dipped galvanized steel screws for high humidity. Place #6 screws 2" long along all edges and in the field to match shear load capacity of 235 lb/ft. Contractor shall install 15-lb felt (Gorilla Guard 30 or equivalent) over the plywood with a 6-inch overlap minimum.

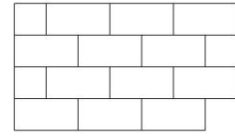


Figure A

METAL ROOFING MATERIAL:

The contractor shall verify the square footage of materials needed.

All trim, flashings, and any other finishing pieces shall be included and shall be the same finish, thickness and matching color unless directed otherwise by the Owner. At least one rooftop vent pipe flashing will be required. Contractor to verify diameter required.

Roofing shall be 24 gauge metal with 1-inch vertical standing seams at 12-inches on center. Provide full length panels, ridge to eave, on the office portion of the project. Provide staggered seams on the warehouse portion of the project, where expansion and contraction forces prohibit the use of full length panels. Base metal shall be hot dipped galvanized steel conforming to ASTM-653, Grade C, with a minimum yield strength of 40,000 psi. Protective coating shall be G-90 galvanization. Exterior finish shall be a minimum of 0.8 mil of industry-acknowledged paint system for exterior paint applied over 0.2 mil primer, for a minimum total of 1.0 full mil. Interior finish shall consist of a 0.15 mil primer and 0.35 mil of white backer.

The Contractor shall supply roof materials and workmanship warranties in compliance with industry standards.

Remove any strippable coating as soon as possible. Do not allow stripping to remain on the panel in extreme cold, heat, or long exposure to sunlight. Do not use any tool to cut panels that will burn metal or uses heat to cut, i.e. circular saw or torch.

Color options shall be presented to the Owner to be selected by the Owner. Paint system shall have a fade and chalk warranty.

Fasteners into wood decking shall be per manufacturer's specifications and placed at manufacturer's recommendation. Caulk and fasten in such a manner as to maintain a complete weather tight system. Once project is complete, no sealant should be visible.

Keep work area as clean as possible during entire application of roof system. At the end of work each day, secure all product so as to prevent any movement

because of weather conditions during the projects unmanned hours. Touch up all scraped or scratched areas with manufacturer's supplied paint. Tape off all surrounding areas. Only apply paint to scraped or scratched area. Before submitting for final payment, Contractor shall clean the entire roof surface with clean water. Remove all bits of metal from the roof, gutter, and surrounding grounds. Final inspection will be at the discretion of the owner.

GUTTER & DOWNSPOUT SYSTEM:

Contractor shall remove all existing gutters and downspouts and replace with like sized elements. All materials shall be 26 gauge G-90 Galvanized Steel installed to industry standards. Color options shall be presented to the Owner to be selected by the Owner.